
# sPHENIX general meeting: news

Dave Morrison (BNL), Gunther Roland (MIT) – co-spokespersons

# Today's plan

## 2nd sPHENIX Fortnightly General Meeting

chaired by Gunther Roland (MIT), David Morrison (BNL)

Friday, March 25, 2016 from **12:00** to **15:00** (US/Eastern)
at **Universe**

Friday, March 25, 2016

| | | |
|---|---|---|
| 12:00 - 12:30 | sPHENIX updates: EC, Topical groups, RHIC ALD memo *30'* | Speakers: Dr. David Morrison (BNL), Prof. Gunther Roland (MIT) |
| 12:30 - 12:50 | sPHENIX Project update *20'* | Speakers: John Haggerty (Brookhaven National Laboratory), Edward O'Brien (BNL) |
| 12:50 - 13:30 | Software and simulation status *40'* | Speaker: Dr. Jin Huang (Brookhaven National Lab) |
| 13:30 - 13:50 | fsPHENIX workfest report *20'* | Speaker: Prof. John Lajoie (Iowa State University) |

# Candidates for sPHENIX Executive Council

Excellent response to call for candidates – big thanks to everyone who was willing to stand for election!

Junior EC candidates:

**Megan Connors (Georgia State University and RBRC)**
**Sarah Campbell (Columbia University)**
**Dennis Perepelitsa (Brookhaven National Lab)**
**Darren McGlinchey (University of Colorado, Boulder)**

General EC candidates:

**Christine Nattrass (University of Tennessee)**
**Vitalii A. Okorokov (National Research Nuclear University MEPhI)**
**Jin Huang (Brookhaven National Laboratory)**
**Anne Sickles (University of Illinois, Urbana-Champaign)**
**John Lajoie (Iowa State University)**
**Bill Zajc (Columbia University)**
**Ron Soltz (Lawrence Livermore National Laboratory)**
**Joern Putschke (Wayne State University)**
**Chris Pinkenburg (Brookhaven National Laboratory)**
**Tom Hemmick (Stony Brook University)**

# Elected members of EC

Thanks go out to **Rosi Reed** and **Dan Cebra** for organizing nominations and conducting elections!

Junior EC candidates:

**Megan Connors, Sarah Campbell**

General EC candidates:

**Anne Sickles, John Lajoie, Bill Zajc, Tom Hemmick**

Discussing with new EC members who will serve one year and who will serve two years in this initial EC term, in order to get staggered terms.

Gunther and I will propose appointed EC positions – those appointments then need IB confirmation.

# Topical groups

Proposal is to start with three topical groups:

- **Jet structure**
- **b-jet energy loss**
- **Upsilon spectroscopy**

Each group is asked to demonstrate sPHENIX's capability to perform a state-of-the-art measurement for the respective topic. The details of which measurement to go for should be worked out in each group. The goal is that each "money plot" being produced should clearly prove the sPHENIX capability for one particularly ambitious measurement, which then naturally encompasses the ability to perform various simpler day-1 and day-2 measurements along the way

To gauge interest in the groups, we set up a doodle poll:
http://doodle.com/poll/smu3gnbi33a9kpx3

Two dozen respondents so far, pretty evenly distributed across the three groups.

Nominations/volunteers for two conveners per topical group welcome!

# Upcoming sPHENIX talk opportunities

Speaker for RHIC users meeting (plenary talk), June 9-10
Speaker for RHIC/AGS users' meeting Heavy Flavor Workshop, June 7-8
Speaker for SQM'16@LBL (need name by April 30)
Speaker for ICHEP'16, August
Speaker for Argonne EIC workshop

Speaker nominations are welcome!

# The GUV center

Hi Dave,

Just letting you know everything is all set for sPHENIX as far as the registration is concerned.  There is minimal training being assigned to this guest title (including Collider User Training, GSO, and Cyber Security), so please let us know if this needs to be changed.

Thanks,
Kathy

Guest Registration

David

https://guest.bnl.gov/Guestformfill.asp

| | | |
|---|---|---|
| * | Purpose of Visit | Research |
| * | BNL Department Associated with | Pull down this menu to make selection |
| * | Facility being requested to Conduct Research | RHIC |
| * | Beam line/experiment being requested | |
| * | What type of Research or Work will the visitor/assignee be working on | |
| * | Type of Access Requested | |
| * | Anticipated Start Date of Your Visit to BNL | |
| * | Anticipated End Date of your Visit to BNL | |
| * | Number of days you estimate to be onsite over a two-year | |
| * | Subject Code for this Visit/Assignment | Pull down this menu to make selection |
| * | Justification of visit/assignment: Summarize the research being conducted or purpose of visit. Include specific activities, name of meeting, involvement, subjects to be discussed and/or statement of research that will be conducted and why it is important to BNL. Supply enough information to justify approval for site access. Justifications should be limited to a few sentences (<800 characters total). | |
| | Conducting Thesis Research During Visit/Assignment | |
| * | First Name of BNL Host for visit/assignment | |
| * | Last Name of BNL Host for visit/assignment | |
| * | Do you have health insurance coverage which is valid while you are at BNL? | |

- ✓ ADMIN
- ANDY
- BRAHMS
- ERHIC
- NONE
- PHENIX
- PHOBOS
- PP2PP
- RIKEN
- SPHENIX
- STAR

## Affiliation Information

| | | |
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| * | Name of Current Affiliation | Pull down this menu to make selection |
| * | Type of Affiliation | Pull down this menu to make selection |
| | Name (If 'Other' is selected) | |
| | Name of lead person/principal investigator at your institution/experiment | |
| | Division or Department | |
| | Affiliation Fax Number | |
| * | Business Address Line 1 | |

# Computing Facility

- a new unix group identifier, “sphenix”, has been set up. can be added to RACF accounts for sPHENIX collaborators – regardless of your collaborative ancestry
    - we need to figure out some administrative mechanics: who will field requests?, who will approve?, etc.
- new 100TB filesystem (/sphenix/user) for users to put things they’re analyzing (think: ntuples)
    - writing there requires you have “sphenix” group identifier
    - at this stage, we’ll likely manage space needs via topical groups
- other filesystems already exist for raw data (/sphenix/data/data01) and large scale simulation output (/sphenix/sim/sim01)

Intro | sPHENIX Collaborati

David

https://www.sphenix.bnl.gov/web/

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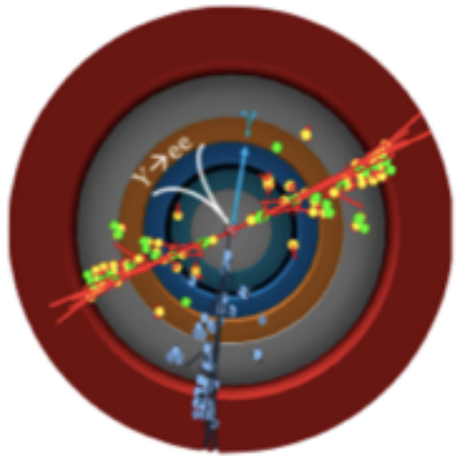
# sPHENIX Collaboration

## Intro

sPHENIX is a new detector proposed for the RHIC facility at BNL. sPHENIX will provide state-of-art capabilities for studies of the strongly interacting quark-gluon plasma using jet and heavy-flavor observables. The goal of sPHENIX is to understand the microscopic structure of the plasma and reveal how it's strongly interacting nature arises from the underlying interactions of quarks and gluons  described by quantum chromodynamics.

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Thanks to Dmitry Arkhipkin, Chris Pinkenburg, Shigaki Misawa

# Memo from ALD

- Charge from ALD Berndt Mueller to project and collaboration to work together to detail the detector that could be built (and the physics it would do) within the $75M funding that BNL has identified as “redirectable” from DOE RHIC ops

- Received initial memo on March 11, with very short deadline for response by April 30, and other problematic issues.  Berndt has asked us to modify language and details for a retry.

- More details in Ed O’Brien’s talk

- First of many times we will be asked to weigh cost/physics – very good opportunity to further an open, transparent, strong working relationship between project and collaboration